

Kootenai Care Network: ACO Automates GPRO Reporting

Kootenai Care Network (KCN) of Coeur d’Alene, Idaho works to improve the overall health of their patient community through the delivery of efficient, high-quality care based on the effective clinical integration of providers, hospitals, and payers. In 2017, they decided to form an accountable care organization (ACO), Kootenai Accountable Care (KAC), and participate in the Medicare Shared Savings Program (MSSP).

Part of the ACO experience includes submitting quality measures at the end of each performance year. In January, all ACOs receive a reporting inventory for their attributed beneficiaries on whom they must submit quality measures. Through this reporting process, the Centers for Medicare and Medicaid Services (CMS) determines each ACO’s quality score, an aggregate score across four domains of care. While several of these measures are claims-based and can be measured by CMS on behalf of the ACO, many measures require clinical information and are to be submitted through the group practice reporting option (GPRO) web interface.

Challenge

GPRO reporting has traditionally been a time-consuming task for ACOs. They must collect data for 15 measures (with a minimum of 248 patients per measure) across multiple provider groups, not to mention, the data used for submission is contained in several different electronic health record (EHR) systems. Without a way to automatically pull clinical data from the EHR systems, KAC staff would have to manually extract and review the patient data and then consolidate it into the GPRO web interface for submission.

Solution

KCN leverages Lightbeam Health Solutions to manage performance in their value-based contracts. The core of Lightbeam’s platform is an enterprise data warehouse (EDW) that combines clinical, claims, and social data from all sources available within the medical community. KCN uses Lightbeam to identify opportunities to reduce costs, manage at-risk populations, close gaps in care, and generate shared savings. The newly formed ACO, KAC, is now able to use the Lightbeam GPRO module for end-of-year reporting.



“We use Lightbeam to help us streamline GPRO reporting for our ACO. The solution helps us save time by automatically closing gaps reducing the need to manually find patient data.”

Tyler Freeman

Manager, Strategic Analytics, Kootenai Care Network

Kootenai Care Network

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Outcomes

- Combined clinical data from 25 disparate EMRs
- Closed 57% of GPRO gaps automatically
- Reduced clinician labor by 12,722 minutes

Solution

Lightbeam’s Population Health Management Platform



Goals

- Supply reports based on clinical and claims data
- Provide actionable insights at the point of care
- Close gaps in care and identify non-coded diagnoses
- Identify and care manage ED over-utilizers

The GPRO module is able to leverage the core EDW to automatically extract data from KAC's EHR systems and pre-populate the patient inventory requested by CMS. With the Lightbeam GPRO module, providers and staff at KAC no longer need to spend as much manual time compiling and auditing the submission data.

Lightbeam GPRO Solution Includes:

- EHR integration and the ability to pre-populate GPRO reporting with clinical data
- GPRO compliant Excel file generator for web interface
- Progress dashboard tracking all measures, providing a summary and patient ranking view
- Measure progress screen by ACO, practice, provider, specialty, and patient
- Filter by measure grouping and completion status

Results

To manually complete required GPRO measures for 248 patients, it takes nearly 46.5 business days of labor, estimating this process will take five minutes per patient per measure. Kootenai Care Network's CMS registry file contained 3,164 ACO beneficiaries. Once they loaded the registry file into Lightbeam's GPRO module, the platform automatically completed 57% of the gaps, eliminating the need for manual abstraction while reducing their total workdays from 46.5 to 20.

